AMENDMENTS TO THE CLAIMS

Claims 1 - 14 (Cancelled)

Claim 15. (Currently Amended)   A method for reducing ~~an amount of~~ a process data set to be transferred from a field device <u>for registering and/or influencing process variables to a process control center, via a databus in the process automation</u>, the process data including information concerning the operating condition of the field device, and/or information concerning process variables registered with the field device, and/or identification data of the field device, comprising the steps of

evaluating and storing the process data occurring during an interval between two transfers of data, wherein the process data are reduced by means of the ~~evaluating~~ <u>evaluation</u>;

transferring the reduced process data to a process control center; and dividing the process data in the ~~evaluating~~ <u>evaluation</u> into static and dynamic data, wherein:

process data which have changed since the last executed ~~evaluating~~ <u>evaluation</u> are classified as dynamic data, and

each static data are transferred as binary state values.

Claim 16. (Previously presented)   The method as claimed in Claim 15, wherein:

transfer of the reduced process data is executed only at the occurrence of specified conditions.

Claim 17 (Cancelled).

Claim 18. (Currently amended)   The method as claimed in Claim ~~17~~ 16, wherein:

for the dynamic data, coded ranges are specified; and

only the code of the affected range, in which a process parameter is contained, is transferred to the process control center.

Claim 19   (Cancelled).

Claim 20 (Currently amended)   The method as claimed in Claim ~~17~~ 16, further comprising the step of:

forming from the dynamic data, a data word to be transferred, wherein:

the data word represents the altered value of ~~the~~ a process parameter, or the difference between the new value and the old value of the process parameter.

Claim 21   (Currently amended)   The method as claimed in claim 15, wherein:

specifications for the ~~evaluating~~ evaluation of the process data, and/or for the execution of the transfer of the reduced process data, can be influenced by a user.

Claim 22 (Previously presented)   The method as claimed in Claim 21, wherein:

specifications for the transfer of the reduced process data include a predetermined time span, and/or a specified time on the clock, and/or the occurrence of specified events.

Claim 23. (Previously presented) The method as claimed in claim 15, wherein:

an individual device description file is assigned to the field device by means of the identification data; and

information concerning the field device is read out of a data description file.

Claim 24. (Previously presented) The method as claimed in claim 15, wherein:

the Internet is used as communication platform between the field device and a process control station.

Claim 25. (Previously presented) The method as claimed in claim 15, wherein:

the transfer of data between the field device and a process control station is unidirectional; and

a bidirectional communication is then implemented when data from the process control station must be transferred to the field device.

Claims 26 - 28 (Cancelled).